INTERNATIONAL SEARCH REPORT

al Application No
PCT/US2005/009583

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C07K16/28 A61K39/395 A61P35/00 A61P17/06

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 C07K A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)
EPO-Internal, BIOSIS, EMBASE, WPI Data, PAJ, Sequence Search

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 99/60023 A (IMCLONE SYSTEMS INCORPORATED; UAB RESEARCH FOUNDATION) 25 November 1999 (1999-11-25) page 13, line 30 - page 15, line 19 page 19, line 21 - page 20, line 10	1-41
X	WO 00/69459 A (IMCLONE SYSTEMS INCORPORATED) 23 November 2000 (2000-11-23) the whole document	1-41
X	WO 02/070008 A (IMCLONE SYSTEMS INCORPORATED; ROCKWELL, PATRICIA; GOLDSTEIN, NEIL, I) 12 September 2002 (2002-09-12) the whole document	31,32,35

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[X] Further documents are listed in the continuation of box C.

[X] Patent family members are listed in annex.

* Special categories of cited documents :

"A" document defining the general state of the art which is not considered to be of particular relevance
"E" earlier document but published on or after the international filing date
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
"O" document referring to an oral disclosure, use, exhibition or other means
"P" document published prior to the international filing date but later than the priority date claimed
"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
"&" document member of the same patent family

Date of the actual completion of the international search	Date of mailing of the international search report
10 August 2005	19/08/2005
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Authorized officer Irion, A

Form PCT/ISA/210 (second sheet) (January 2004)

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PCT/US2005/009583

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	LU D ET AL: "Simultaneous blockade of both the epidermal growth factor receptor and the insulin-like growth factor receptor signaling pathways in cancer cells with a fully human recombinant bispecific antibody" JOURNAL OF BIOLOGICAL CHEMISTRY, AMERICAN SOCIETY OF BIOLOGICAL CHEMISTS, BALTIMORE, MD, US, vol. 279, no. 4, 23 January 2004 (2004-01-23), pages 2856-2865, XP002316541 ISSN: 0021-9258 the whole document	36
X	WO 98/50433 A (ABGENIX, INC) 12 November 1998 (1998-11-12) page 23, line 24 - line 28; claims 15,40; sequence 33	1,8-14, 17,18, 21-37
X	WO 2004/005890 A (THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA; SIEGEL, DONALD, L) 15 January 2004 (2004-01-15) page 21, line 17 - line 18; figure 29p; sequence 69	1,11-14, 17,18
X	WO 03/064606 A (MEDAREX, INC; DEO, YASHWANT, M; GRAZIANO, ROBERT; HUDSON, DEBRA; HOLME) 7 August 2003 (2003-08-07) claims 2,3; sequences 37,39,40,42,43	1,11-14, 17,18, 21-36
X	WO 02/11677 A (IMCLONE SYSTEMS INCORPORATED; TEUFEL, THOMAS) 14 February 2002 (2002-02-14) the whole document	37-41
A	HEITNER TARA ET AL: "Selection of cell binding and internalizing epidermal growth factor receptor antibodies from a phage display library" JOURNAL OF IMMUNOLOGICAL METHODS, ELSEVIER SCIENCE PUBLISHERS B.V.,AMSTERDAM, NL, vol. 248, no. 1-2, 2001, pages 17-30, XP002252398 ISSN: 0022-1759 the whole document	1-41

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INTERNATIONAL SEARCH REPORT

Application No
PCT/US2005/009583

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	KREBS B ET AL: "High-throughput generation and engineering of recombinant human antibodies" JOURNAL OF IMMUNOLOGICAL METHODS, ELSEVIER SCIENCE PUBLISHERS B.V.,AMSTERDAM, NL, vol. 254, no. 1-2, 1 August 2001 (2001-08-01), pages 67-84, XP004245443 ISSN: 0022-1759 the whole document	1-41

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Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. [X] Claims Nos.: 21-41
because they relate to subject matter not required to be searched by this Authority, namely:

Although claims 21-41 are directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.

2. [ ] Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:

3. [ ] Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. [ ] As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.

2. [ ] As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.

3. [ ] As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:

4. [ ] No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

[ ] The additional search fees were accompanied by the applicant's protest.

[ ] No protest accompanied the payment of additional search fees.

Information on patent family members

Inte Application No
PCT/US2005/009583

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